

Course No.	M1744.009700	Lecture No.		Course Title (Subtitle)	Functional nutrients and disease prevention	Credit	3-3-0
Representative Instructor	Name		(post :)	Homepage		
	E-mail				Phone No.		
	Office Hour/Place :						

Prerequisite Course								
*1. Purpose of Course	<p>This class will cover general nutrition in health. Metabolism and functions of macronutrients and micronutrients and their roles in disease prevention will be discussed in the class. After completion of this course, students should be able to:</p> <ul style="list-style-type: none"> Describe nutrient metabolism within cells, organs, and the whole body. Describe energy metabolism during the absorptive and fasting states as well as during physical activity and at rest. Define “health” with regard to diet and lifestyle. Describe changes in metabolism and nutrient requirements at various stages of life. Apply nutrition information to your own lives. Demonstrate effective and professional oral and written communication and documentation. 							
*2. Materials and Reference	<p>Textbook (recommended but not required): <i>Advanced Nutrition and Human Metabolism</i>, eighth edition, by Sareen S. Gropper, Jack L. Smith, and Timothy P. Carr (Cengage Learning 2022).</p>							
*3. Evaluation (%)	Attendance	Assignment	Midterm	Final	Additional Evaluation	Attitude	Other	합계
	5	15	35	35	10			100
	Attendance Policy :		Students who are absent for over 1/3 of the class will receive a grade of 'F' or 'U' for the course. (Exceptions can be made when the cause of absence is deemed unavoidable by the course instructor.)					
	Other Remarks :							

<p>*4. Lecture Plan</p>		<ul style="list-style-type: none"> • Week 1: Chapter 1 The Cell: A microcosm of life • Week 2: Chapter 2 The digestive system • Week 3: Chapter 3 Carbohydrates • Week 4: Chapter 3 Carbohydrates Chapter 4 Fiber • Week 5: Obesity and Inflammation • Week 6: Chapter 5 Lipids • Week 7: Chapter 5 Lipids Q&A session • Week 8: Mid-term exam • Week 9: Chapter 6 Protein Chapter 7 Integration and Regulation of Metabolism and the Impact of Exercise • Week 10: Chapter 9 Water-soluble vitamins • Week 11: Diabetes & Heart disease • Week 12: Chapter 10 Fat-Soluble Vitamins • Week 13: Chapter 11 Major minerals • Week 14: Students' presentation Q&A session • Week 15: Final Exam
5. Additional Notes for Students		
6. Assistance for Students with Disabilities	Class	<ul style="list-style-type: none"> ○ Visual Impairment: Make textbooks(digital textbook, braille textbook, enlarged textbook etc.), Allow note takers ○ Physical Disability: Make textbooks (digital textbook), Allow note takers and assistants ○ Hearing Impairment: Allow note takers and translators, Allow lecture recording ○ Health Impairment: Excuse absence due to health problems, Allow note takers ○ Learning Disability: Allow note takers ○ Intellectual Disability / Autism Spectrum Disorder: Allow note takers and mentors
	Assignment & Evaluation	<ul style="list-style-type: none"> ○ Visual Impairment / Physical Disability / Hearing Impairment / Health Impairment / Learning Disability: Extend assignment deadlines, Offer alternate assignment submission and response method, Extend testing period, Offer alternate testing method, Offer different testing room ○ Intellectual Disability / Autism Spectrum Disorder: Offer individualized assignments and alternative evaluations
	Others	<p>Students who take this course can get appropriate level of support service including the support listed above depending on the students' individual characteristics and needs through consultation with professors and the Support Center for Students with Disabilities. If you have any questions concerning support service for students with disabilities you can contact Professor *** (Contact Information) or Support Center for Students with Disabilities (02-880-8787).</p>